



Ref. Certif. No.

**DK-179655-UL**

**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME**

**CB TEST CERTIFICATE**

Product

High Reliable Battery Charger & Power Supply, High Reliable Intelligent Battery Charger

Name and address of the applicant

MEAN WELL ENTERPRISES CO., LTD.  
No 28 Wuquan 3rd Rd, Wugu District New Taipei City 24891  
Taiwan

Name and address of the manufacturer

MEAN WELL ENTERPRISES CO., LTD.  
No 28 Wuquan 3rd Rd, Wugu District New Taipei City 24891  
Taiwan

Name and address of the factory

MEAN WELL ENTERPRISES CO., LTD.  
No 28 Wuquan 3rd Rd Wugu District New Taipei City 24891  
Taiwan

Note: When more than one factory, please report on page 2

[Additional Information on page 2](#)

Ratings and principal characteristics

For Model NPP-450-12, NPB-450-12, NPB-450-12NFC:  
Input: 100-240Vac, 4.9A, 50/60Hz  
Output: 14.4Vdc (10.5-21Vdc), 25Amax. 420Wmax.

[Additional Information on page 2](#)

Trademark / Brand (if any)

MEAN WELL or



Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

NPP-450-x, NPB-450-x

[Additional Information on page 2](#)

Additional information (if necessary may also be reported on page 2)

Evaluated to National or Group Differences for AU, CA, EU Group Differences, JP, NZ, US

[Additional Information on page 2](#)

A sample of the product was tested and found to be in conformity with

IEC 62368-1:2018

As shown in the Test Report Ref. No. which forms part of this Certificate

E183223-A6196-CB-1 issued on 2026-04-27

This CB Test Certificate is issued by the National Certification Body



- UL Solutions (US), 333 Pflugsten Rd IL 60062, Northbrook, USA
- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)

Date: 2026-04-27

Signature:

Thomas Wilson



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**Factory(ies):**

Suzhou Mean Well Technology Co Ltd  
No.269, Changping Road Huangdai Town Xiangcheng District  
Suzhou Jiangsu 215152  
China

MEAN WELL (Guangzhou) Electronics Co Ltd  
No 11 Jingu South Road Huadu District Guangzhou Guangdong 510890  
China

MEAN WELL INDIA ELECTRONICS PRIVATE LIMITED  
9c Peenya Industrial Area Chokkasandra 2nd Phase Peenya Bengaluru (Bangalore) Urban Karnataka 560058  
India

YONGDEN TECHNOLOGY CORP  
345 Macarthur Hwy Tabang Guiguinto 3015 Bulacan  
Philippines

**Additional Model Detail(s):**

NPP-450-x, (where x can be 12, 24, 48, 72)  
NPB-450-x, (where x can be 12, 24, 48, 72, 12NFC, 24NFC, 48NFC or 72NFC)

**Additional Ratings:**

For Model NPP-450-24, NPB-450-24, NPB-450-24NFC:  
Input: 100-240Vac, 5.4A, 50/60Hz  
Output: 28.8Vdc (21-42Vdc), 13.5Amax. 453.6Wmax.

For Model NPP-450-48, NPB-450-48, NPB-450-48NFC:  
Input: 100-240Vac, 5.4A, 50/60Hz  
Output: 57.6Vdc (42-80Vdc), 6.8Amax. 457Wmax.

For Model NPP-450-72, NPB-450-72, NPB-450-72NFC:  
Input: 100-240Vac, 5.4A, 50/60Hz  
Output: 72Vdc (54-100Vdc), 5.5Amax. 462Wmax.

**Evaluated to National Differences declared for:**

EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020

**Additional information (if necessary)**



- UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
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